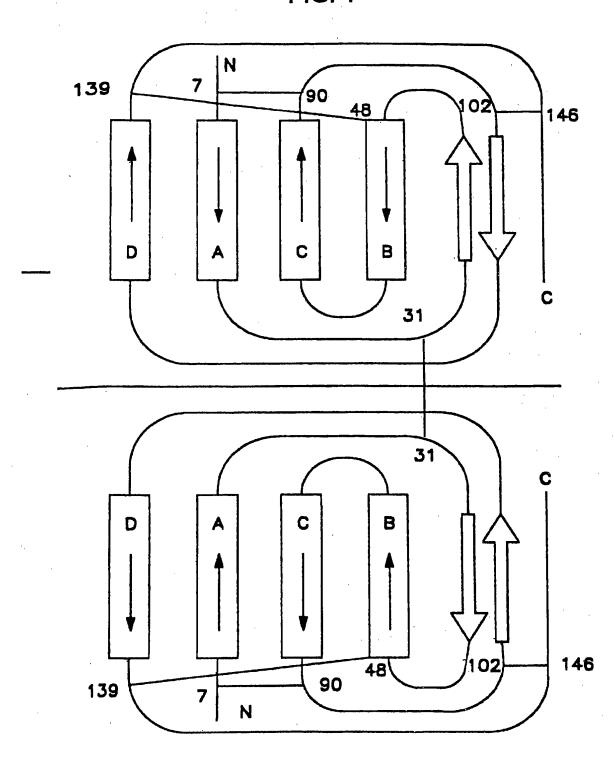
FIG. 1



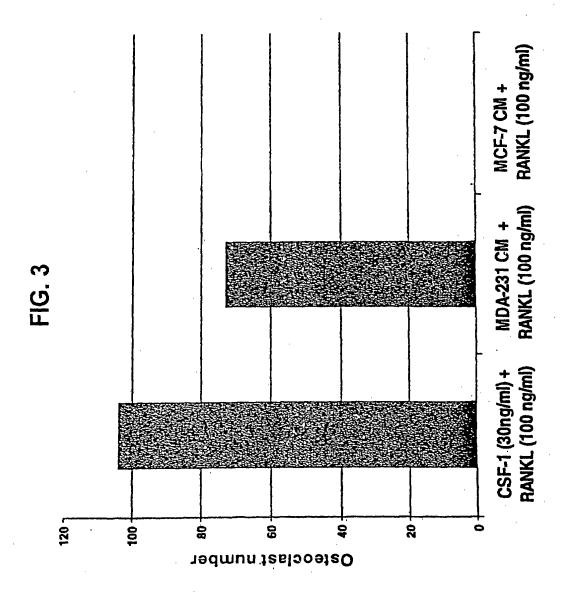


Fig. 4

Met 1	Thr	Ala	Pro	Gly 5	Ala	Ala	Gly	Arg	Суs 10	Pro	Pro	Thr	Thr	Trp 15	Leu
Gly	Ser	Leu	Leu 20	Leu	Leu	Val	Cys	Leu 25	Leu	Ala	Ser	Arg	Ser 30	Ile	Thr
Glu	Glu	Val 35	Ser	Glu	Tyr	Cys	Ser 40	His	Met	Ile	Gly	Ser 45	Gly	His	Leu
Gln	Ser 50	Leu	Gln	Arg	Leu	Ile 55	Asp	Ser	Gln	Met	Glu 60	Thr	Ser	Cys	Gln
Ile 65	Thr	Phe	Glu	Phe	Val 70	Asp	Gln	Glu	Gln	Leu 75	Lys	Asp	Pro	Val	Cys
Tyr	Leu	Lys	Lys	Ala 85	Phe	Leu	Leu	Val	Gln 90	Asp	Ile	Met	Glu	Asp 95	Thr
Met	Arg	Phe	Arg 100	Asp	Asn	Thr	Pro	Asn 105	Ala	Ile	Ala	Ile	Val 110	Gln	Leu
Gln	Glu	Leu 115	Ser	Leu	Arg	Leu	Lys 120	Ser	Cys	Phe	Thr	Lys 125	Asp	Tyr	Glu
Glu	His 130	Asp	Lys	Ala	Cys	Val 135	Arg	Thr	Phe	Тут	Glu 140	Thr	Pro	ren	Gln
Leu 145	Leu	Glu	Lys	Val	Lys 150	Asn	Val	Phe	Asn	Glu 155	Thr	Lys	Asn	Leu	Leu 160
qaA	ГÀЗ	Asp	Trp	Asn 165	Ile	Phe	Ser	Lys	Asn 170	Сув	Asn	Asn	Ser	Phe 175	Ala
Glu	Cys	Ser	<i>Ser</i> 180	Gln	Gly	His	Glu	Arg 185	Gln	Ser	Glu	Gly	Ser 190	Ser	Ser
Pro	Gln	Leu 195	Gln	Glu	Ser	Val	Phe 200	His	Leu	Leu	Val	Pro 205	Ser	Val	Ile
Leu	Val 210	Leu	Leu	Ala	Val	Gly 215	Gly	Leu	Leu	Phe	Tyr 220	Arg	Trp	Arg	Arg
Arg 225	Ser	His	Gln	Glu	Pro 230	Gln	Arg	Ala	Asp	Ser 235	Pro	Leu	Glu	Gln	Pro 240
Glu	Gly	Ser	Pro	Leu 245	Thr	Gln	Asp	Asp	Arg 250	Gln	Val	Glu	Leu	Pro 255	Val

Fig. 5

Met Thr Ala Pro Gly Ala Ala Gly Arg Cys Pro Pro Thr Thr Trp Leu Gly Ser Leu Leu Leu Val Cys Leu Leu Ala Ser Arg Ser Ile Thr 20 25 Glu Glu Val Ser Glu Tyr Cys Ser His Met Ile Gly Ser Gly His Leu 40 45 Gln Ser Leu Gln Arg Leu Ile Asp Ser Gln Met Glu Thr Ser Cys Gln 50 55 60 Ile Thr Phe Glu Phe Val Asp Gln Glu Gln Leu Lys Asp Pro Val Cys 70 75 Tyr Leu Lys Lys Ala Phe Leu Leu Val Gln Asp Ile Met Glu Asp Thr 85 90 95 Met Arg Phe Arg Asp Asn Thr Pro Asn Ala Ile Ala Ile Val Gln Leu 100 105 110 100 105 110 Gln Glu Leu Ser Leu Arg Leu Lys Ser Cys Phe Thr Lys Asp Tyr Glu 115 120 125 Glu His Asp Lys Ala Cys Val Arg Thr Phe Tyr Glu Thr Pro Leu Gln 130 135 140 135 140 Leu Leu Glu Lys Val Lys Asn Val Phe Asn Glu Thr Lys Asn Leu Leu 150 155 Asp Lys Asp Trp Asn Ile Phe Ser Lys Asn Cys Asn Asn Ser Phe Ala 165 170 175 Glu Cys Ser Ser Gln Asp Val Val Thr Lys Pro Asp Cys Asn Cys Leu 1.80 185 190 Tyr Pro Lys Ala Ile Pro Ser Ser Asp Pro Ala Ser Val Ser Pro His 200 205 Gln Pro Leu Ala Pro Ser Met Ala Pro Val Ala Gly Leu Thr Trp Glu 210 215 220 Asp Ser Glu Gly Thr Glu Gly Ser Ser Leu Leu Pro Gly Glu Gln Pro 225 230 235 240 230 235 Leu His Thr Val Asp Pro Gly Ser Ala Lys Gln Arg Pro Pro Arg Ser 245 250 255 Thr Cys Gln Ser Phe Glu Pro Pro Glu Thr Pro Val Val Lys Asp Ser 260 265 270 Thr Ile Gly Gly Ser Pro Gln Pro Arg Pro Ser Val Gly Ala Phe Asn 275 280 285 Pro Gly Met Glu Asp Ile Leu Asp Ser Ala Met Gly Thr Asn Trp Val 295 Pro Glu Glu Ala Ser Gly Glu Ala Ser Glu Ile Pro Val Pro Gln Gly 305 310 315 Thr Glu Leu Ser Pro Ser Arg Pro Gly Gly Gly Ser Met Gln Thr Glu 325 330 335 Pro Ala Arg Pro Ser Asn Phe Leu Ser Ala Ser Ser Pro Leu Pro Ala 340 345 350 Ser Ala Lys Gly Gln Gln Pro Ala Asp Val Thr Gly Thr Ala Leu Pro 355 360 365 360 365 Arg Val Gly Pro Val Arg Pro Thr Gly Gln Asp Trp Asn His Thr Pro 370 375 380 Gln Lys Thr Asp His Pro Ser Ala Leu Leu Arg Asp Pro Pro Glu Pro 390 395 Gly Ser Pro Arg Ile Ser Ser Leu Arg Pro Gln Gly Leu Ser Asn Pro 405 410 Ser Thr Leu Ser Ala Gln Pro Gln Leu Ser Arg Ser His Ser Ser Gly
420 425 430 Ser Val Leu Pro Leu Gly Glu Leu Glu Gly Arg Arg Ser Thr Arg Asp 435 440 Arg Arg Ser Pro Ala Glu Pro Glu Gly Gly Pro Ala Ser Glu Gly Ala
450 455 460 455 Ala Arg Pro Leu Pro Arg Phe Asn Ser Val Pro Leu Thr Asp Thr Gly 465 470 475 480 His Glu Arg Gln Ser Glu Gly Ser Ser Ser Pro Gln Leu Gln Glu Ser 485 490 495 Val Phe His Leu Leu Val Pro Ser Val Ile Leu Val Leu Leu Ala Val 500 505 Gly Gly Leu Leu Phe Tyr Arg Trp Arg Arg Arg Ser His Gln Glu Pro 515 520 525 Gln Arg Ala Asp Ser Pro Leu Glu Gln Pro Glu Gly Ser Pro Leu Thr 535 Gln Asp Asp Arg Gln Val Glu Leu Pro Val

Fig. 6

Met 1	Thr	Ala	Pro	Gly	Ala	Ala	Gly	Arg	Cys 10	Pro	Pro	Thr	Thr	Trp 15	Leu
	Ser	Leu		Leu	Leu	Val	Cys			Ala	Ser	Arg			Thr
Glu	Glu	Val	20 Ser	Glu	Tyr	Cys	Ser	25 His	Met	Ile	Gly	Ser	30 Gly	His	Leu
		35					40					45			
Gln	Ser 50	Leu	Gln	Arg	Leu	Ile 55	Asp	Ser	Gln	Met	Glu 60	Thr	Ser	Cys	Gln
Tle	Thr	Phe	Glu	Phe	Val	Asp	Gln	Glu	Gln	Leu	Lvs	Asp	Pro	Val	Cvs
65					70	F				75			0	V C4.13	80
	T.O.	Tare	Tare	7.7.5	-	Ten	T.O.	7727	C1 n		T10	Met	G3.22	~ ~ ~	
				85					90					95	
Met	Arg	Phe	Arg 100	Aġp	Asn	Thr	Pro	Asn 105	Ala	Ile	Ala	Ile	Val 110	Gln	Leu
Gln	Glu	Leu 115	Ser	Leu	Arg	Leu	Lys 120	Ser	Cys	Phe	Thr	Lys 125	Asp	Tyr	Glu
Glu	His 130	qaA	Lys	Ala	Cys	Val 135	Arg	Thr	Phe	Tyr	Glu 140	Thr	Pro	Leu	Gln
T.em		G711	Tare	T = \tag{7.7}	Taze		17a7	Dhe	Nan	Glas		Lys	7 cm	T.OZZ	T. 017
	neu	Giu	тур	vai		Abii	var	FIIC	AbII		TIIT	пуѕ	ASII	пеа	
145	-	_	_	~	150	1	_	_	_	155	_	-			160
Asp	гàг	Asp	Trp		TTE	Phe	ser	Lys		Cys	Asn	Asn	Ser		Ala
				165					170					175	
Glu	Cys	Ser	Ser	Gln	Asp	Val	٧al	Thr	Lys	Pro	Asp	Cys	Asn	Cys	Leu
			180					185					190		
Tyr	Pro	Lys	Ala	Ile	Pro	Ser	Ser	Asp	Pro	Ala	Ser	Val	Ser	Pro	His
- 2		195					200					205			
Gln	Pro		Δla	Pro	Ser	Met		Pro	rev.	εΓα	GTv	Leu	Thr	Trn	G3 11
OLII		LCu	ATA	110	DCI		Ата	FIO	vaı.	Ата	-	пец	7, 11,1	ттЪ	Giu
-	210	~7	~7	cm1	~7	215	~	~	_	_	220	~7	~-7	~7	_
	ser	GIU	GTĀ	Thr		GIY	ser	Ser	Leu		Pro	Gly	Glu	Gin	
225					230					235					240
Leu	His	Thr	Val	Asp 245	Pro	Gly	Ser	Ala	Lys 250	Gln	Arg	Pro	Pro	Arg 255	Ser
Thr	Сув	Gln	Ser 260	Phe	Glu	Pro	Pro	Glu 265	Thr	Pro	Val	Val	Lys 270	qaA	Ser
Thr	Ile	Gly	Gly	Ser	Pro	Gln	Pro	Arq	Pro	Ser	Val	Gly	Ala	Phe	Asn
		275	-	•			280	_				285			
Pro	Glv	Met.	Glu	Asp	Ile	Len	Asp	Ser	Ala	Met	Glv	Thr	Asn	Tro	Val
	290					295	15				300				
Dro		G] 11	7.1 a	Sar	Glaz		77.7	Cor	Glu	Tlo		77-7	Dro	G7 n	Gly
	Giu	Gru	ALG	Der		Gru	мта	SCI	Gra		FIO	vaı	FIO	GLII	_
305	~ 1	T	G		310	·		~7 -	~7	315	~ .		~7		320
Thr	Glu	ьeu	Ser		ser	Arg	Pro	GTĀ		GTĀ	Ser	Met	GIn		GLu
		_		325					330					335	_
Pro	Ala	Arg	Pro	Ser	Asn	Phe	Leu	Ser	Ala	Ser	Ser	Pro	Leu	Pro	Ala
			340					345					350		
Ser	Ala	Lys	Gly	Gln	Gln	Pro	Ala	Asp	Val	Thr	Gly	His	Glu	Arg	Gln
		355	_				360	_			_	365		_	
Ser	Glu		Ser	Ser	Ser	Pro		Leu	Gln	Glu	Ser		Phe	His	Leu
244	370	<u></u> 2	555			375		200	0111	0	380	val		11110	200
T 011		Dwo	Cor	77-7	т7.0		77-7	T 011	T 011	א ד ה		a3	~1	т	т
	val	ETO	DET	val		⊔⇔u	val	TIGIT	⊔eπ		val	Gly	$\alpha \tau \lambda$	nen	
385	_	_	_	_	390	_	_		~~	395	_		_		400
Pne	Tyr	Arg	1.rb	_	Arg	Arg	ser	His		GLu	Pro	Gln	Arg		Asp
				405					410					415	
Ser	Pro	Leu	Glu	Gln	Pro	Glu	Gly	Ser	Pro	Leu	Thr	Gln	Asp	Asp	Arg
			420					425					430	•	
Gln	Val	Glu	Leu	Pro	Val										